

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	brundle-alan.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 14:33
L2	25	brundle-alan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 14:35
L3	23	allen-tim.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 14:35
L4	11	3 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 14:36
L5	9	dao-son.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 14:37
L6	8	5 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 14:37
L7	8	6 not 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/05 14:37
S4	2	((("4855660") or ("6208107")).PN. or (2002/0171297).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 10:14
S7	1395	talbot.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 08:48
S9	23	"stepper motor" with controller and sensor and "current driver"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 14:44
S10	112	"stepper motor" and controller and sensor and "infusion pump"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 14:44

## EAST Search History

S11	111	S10 not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 14:44
S12	36	("3912168"   "4452599"   "4758228"). PN. OR ("4856339").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 15:16
S13	13	(US-20020171297-\$ or US-20030055375-\$).did. or (US-6208107-\$ or US-4855660-\$ or US-6659980-\$ or US-6555986-\$ or US-RE36871-\$ or US-5464392-\$ or US-5342298-\$ or US-5215450-\$ or US-4857048-\$ or US-4898579-\$ or US-4856339-\$).did.	US-PGPUB; USPAT	OR	ON	2006/10/25 15:27
S14	43	("3806821"   "3886459"   "3890554"   "3909693"   "3911343"   "3919608"   "4333045"   "4477756"   "4492909"   "4510266"   "4587473"   "4678979"   "4718576"   "4737711"   "4739346"   "4751445"   "5055761"   "5084663"   "5125499"   "5194796"   "5274316"   "5283510"   "5418443"   "5428284"   "5563486"   "5572105"   "5627443"   "5640075"   "5648710"   "5659234"   "5744929"   "5841261"   "5889379"   "5894209"   "5923159"   "5932987"). PN. OR ("6208107").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 15:28
S15	30	((("6573680") or ("6509709") or ("6462503") or ("6459229") or ("6441579") or ("6285156") or ("6150789") or ("6124696") or ("6121745") or ("6046567") or ("5982134") or ("5963006") or ("5932987") or ("5914579") or ("5844394") or ("5838132") or ("5739661") or ("5710499") or ("5583410") or ("5574351") or ("5355067") or ("5216345") or ("5206571") or ("5198741") or ("5008607") or ("4961037") or ("4751445") or ("4683408") or ("4431955") or ("3885210"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/25 15:39
S16	2004	sensor and "motor controller" and "stepper motor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 10:33
S17	351	sensor and "motor controller" and "stepper motor" and (medical or infusion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 10:51
S18	14	"stepper motor controller" and "Multiple sensors"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 10:55

## EAST Search History

S19	30	((("6573680") or ("6509709") or ("6462503") or ("6459229") or ("6441579") or ("6285156") or ("6150789") or ("6124696") or ("6121745") or ("6046567") or ("5982134") or ("5963006") or ("5932987") or ("5914579") or ("5844394") or ("5838132") or ("5739661") or ("5710499") or ("5583410") or ("5574351") or ("5355067") or ("5216345") or ("5206571") or ("5198741") or ("5008607") or ("4961037") or ("4751445") or ("4683408") or ("4431955") or ("3885210")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/26 10:55
S20	8	S19 and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 11:18
S21	1	"4855660".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 11:18
S22	1787	controller and "temperature sensor" and "stepper motor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 11:29
S23	23	controller and "temperature sensor" and "stepper motor" and "infusion pump"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 11:29
S24	16	(US-20020171297-\$ or US-20030055375-\$ or US-20030225396-\$).did. or (US-6208107-\$ or US-4855660-\$ or US-6659980-\$ or US-6555986-\$ or US-RE36871-\$ or US-5464392-\$ or US-5342298-\$ or US-5215450-\$ or US-4857048-\$ or US-4898579-\$ or US-4856339-\$ or US-6587199-\$ or US-5844394-\$).did.	US-PGPUB; USPAT	OR	ON	2006/10/26 12:04
S25	9	S24 and battery	US-PGPUB; USPAT	OR	ON	2006/10/26 12:04
S26	5	"6659980"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 09:55
S27	1	"6659980".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 09:56
S28	8	("5096385"   "5501665"   "5647853"   "5695473"   "6485465").PN. OR ("6659980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:04

## EAST Search History

S29	391	417/43.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:51
S30	141	S29 and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:17
S31	83	S30 and (controller or MPU or microcontroller or microprocessor or MCU)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:18
S32	3	S31 and "stepper motor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:41
S33	48	"determine flow rate" and controller and "stepper motor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:41
S34	150	417/43.ccls. and "flow rate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 13:19
S35	7	417/43.ccls. and "flow rate sensor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 13:21
S36	94	controller and "stepper motor" and "flow rate sensor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 13:44
S37	24	controller and "stepper motor" and "flow meter" and infusion	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:18
S38	0	"604""."123".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:18
S39	86	"604/123".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:18
S40	23	S39 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:18
S41	30	S39 and (controller or microprocessor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:18
S42	27	S41 and "flow rate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:19
S43	13806	S42 and "flow rate sensor" or flowmeter	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:19

## EAST Search History

S44	1	S42 and ("flow rate sensor" or flowmeter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 14:19
S45	66	("0470273"   "3508546"   "3900022"   "4180074"   "4187847"   "4261360"   "4423727"   "4604089"   "4650462"   "4655197"   "4713051"   "4714464"   "4790816"   "4795424"   "4798580"   "4818186"   "4820265"   "4838856"   "4850972"   "4865584"   "4895144"   "4900302"   "4940457"   "4963131"   "5019038"   "5053002"   "5098387"   "5106366"   "5152746"   "5163900"   "5176629"   "5178606"   "5195958"   "5246422"   "5261883"   "5344436"). PN. OR ("5464391").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 15:18
S46	1	"4855660".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 16:35
S47	1	"4838856".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 15:19
S48	6	"802180".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:19
S49	559	417/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:19
S51	13	S49 and "stepper motor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:46
S52	0	(age with tube) and paristaltic	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:48
S53	0	(age with tube)and paristaltic	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:47
S54	33	(age with tube) and peristaltic	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 17:53
S55	33	(test with elastic\$4 with tube) and peristaltic	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:00
S56	718	odometer and pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:00
S57	51	odometer with pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:04

## EAST Search History

S58	149	controller with motor with age	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:23
S59	0	(controller with tube with age) and peristaltic	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:07
S60	2	(controller with tube with age) and pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:08
S61	19	(controller with tube with age)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:10
S62	0	(controller with tube with compressability)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:10
S63	435	(controller with tube with compres\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:10
S64	97	(controller with tube with compression)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:13
S65	5	(controller with tube with wear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:15
S66	1134	(controller with tube with time)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:15
S67	55	(controller with tube with clock)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:19
S68	788382	(controller with tube with clock) pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:19
S69	5	(controller with tube with clock) and pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:19
S70	0	(controller or microprocessor) and "age of tube"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:24
S71	26	(controller or microprocessor) with tube with deform\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:36
S72	19	(controller or microprocessor) with tube with age	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:37

## EAST Search History

S73	199	"tube age"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:52
S74	26	S73 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:46
S75	17	S73 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:54
S76	3310	tube near3 age	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 18:55
S77	109	S76 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 20:59
S78	559	417/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 21:00
S79	1569	417/53.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 21:00
S80	22	S79 and "stepping motor"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 21:01
S81	680	417/12.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 14:09
S82	362	417/44.2.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 15:14
S83	373	417/32.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 15:32
S84	391	417/43.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 15:50
S85	334	417/479.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/29 15:51
S86	1	"4855660".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 14:33